

§1.821(f) and (g) stating that the content of the paper and computer-readable copies are the same and include no new matter.

The application has been amended to provide sequence identifiers in accordance with 37 C.F.R. § 1.82(d). No new matter has been added by the amendments.

Applicants submit that the application is now fully compliant with Sequence Rules 37 C.F.R. §§ 1.821-1.825.

Please associate the enclosed declaration with the application, grant any extension of time required to enter this response, and charge any required fee to deposit account 06-0916.

Respectfully submitted,

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Appendix Showing Changes Made to Application

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5 **Table I** Oligonucleotide primers used for PCR amplification of probes

	Oligonucleotide primers / Reference /	Size (bp)	(SEQ ID NO:1)
10	Human BETA2-MICROGLOBULIN / Sense: 5'-TCTGGCCTTGAGGCTATCCAGCGT-3' Antisense: 5'-GTGGTTCACACGGCAGGCATACTC-3'	270	Majumdar et al (1998)
15	Human COL2A1 / Sense: 5'-AACCTGGACAGAGGGAAGC-3' Antisense: 5'-GGGCCAGGATTCCATTAC-3'	451	(SEQ ID NO:2) X16468
20	Human AGGRECAN / Sense: 5'-TACTCTGGGTTTCGTGACTC-3' Antisense: 5'-CGATGCCTTCACCACGACTT-3'	450	(SEQ ID NO:3) M55172
25	Human Sox-9 / Sense: 5'-CCCGATCTGAAGAAGGGAGAGC-3' Antisense: 5'-GTTCTTCACCGACTTCCTCCG-3'	381	(SEQ ID NO:4) Z46629
	Human COMP / Sense: 5'-GCAGATGCTCGGAACTGCA-3' Antisense: 5'-TTGATGCACACGGAGTTGGGG-3'	501	(SEQ ID NO:5) L32137

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Table II Oligonucleotide primers for RT-PCR elisa.

		Size (bp)	Reference / Accession #
5	Oligonucleotide primers / 5'-biotinylated probes		
	Human BETA2-MICROGLOBULIN	270	Majumdar et al. (1998)
	Sense: 5'-TCTGGCCTTGAGGCTATCCAGCGT-3' (SEQ ID NO: 1)		
	Antisense: 5'-GTGGTTCACACGGCAGGCATACTC-3' (SEQ ID NO: 2)		
10	Probe: 5'-Biotinylated CATCCATCCGACATTGAAGTTGAC-3' (SEQ ID NO: 11)		
	Human COL2A1/	451	X16468
	Sense: 5'-TCCCAAAGGTGCTCGAGGAGA-3' (SEQ ID NO: 12)		
	Antisense: 5'-CTCACCAACGATCACCCCTTGAC-3' (SEQ ID NO: 13)		
	Probe: 5'-Biotinylated GAGAGAGGATTCCCTGGCTT-3' (SEQ ID NO: 14)		
15	Human AGGRECAN/	450	M55172
	Sense: 5'-TACTCTGGTTTCGTGACTC-3' (SEQ ID NO: 5)		
	Antisense: 5'-CGATGCCTTCACACGACTT-3' (SEQ ID NO: 6)		
	Probe: 5'-Biotinylated GAGAAGGAGGTAATGCTGCT (SEQ ID NO: 15)		
	Human LINK PROTEIN	361	X17405
20	Sense: 5'-GCTGATTCAATCTGCTGGG-3' (SEQ ID NO: 16)		
	Antisense: 5'-GTCTGTGATGACCAAGAGAAC-3' (SEQ ID NO: 17)		
	Probe: 5'-Biotinylated AGCATTGGCTCAGGAATCC-3' (SEQ ID NO: 18)		